

Data File : BN012246.D
Acq On : 16 Oct 2020 00:02
Operator : CG/JU
Sample : L4235-14
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AP9

Manual Integrations
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Quant Time: Oct 16 02:19:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 01:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1916	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	8196	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	5059	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	10133m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	8418	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	8974	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4701	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	9777	0.35	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.05	178	1299	0.040	ng/ul#	88
15) Fluoranthene	19.07	202	3593	0.095	ng/ul	97
17) Pyrene	19.44	202	2869	0.076	ng/ul#	88
18) Benzo(a)anthracene	21.19	228	1498	0.048	ng/ul#	87
19) Chrysene	21.24	228	1995	0.053	ng/ul#	90
21) Benzo(b)fluoranthene	22.75	252	2694m	0.074	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	1094m	0.027	ng/ul	
23) Benzo(a)pyrene	23.30	252	1399	0.040	ng/ul#	23
24) Indeno(1,2,3-cd)pyrene	25.57	276	1285	0.028	ng/ul#	100
26) Benzo(g,h,i)perylene	26.24	276	1537	0.037	ng/ul#	66

(#) = qualifier out of range (m) = manual integration (+) = signals summed

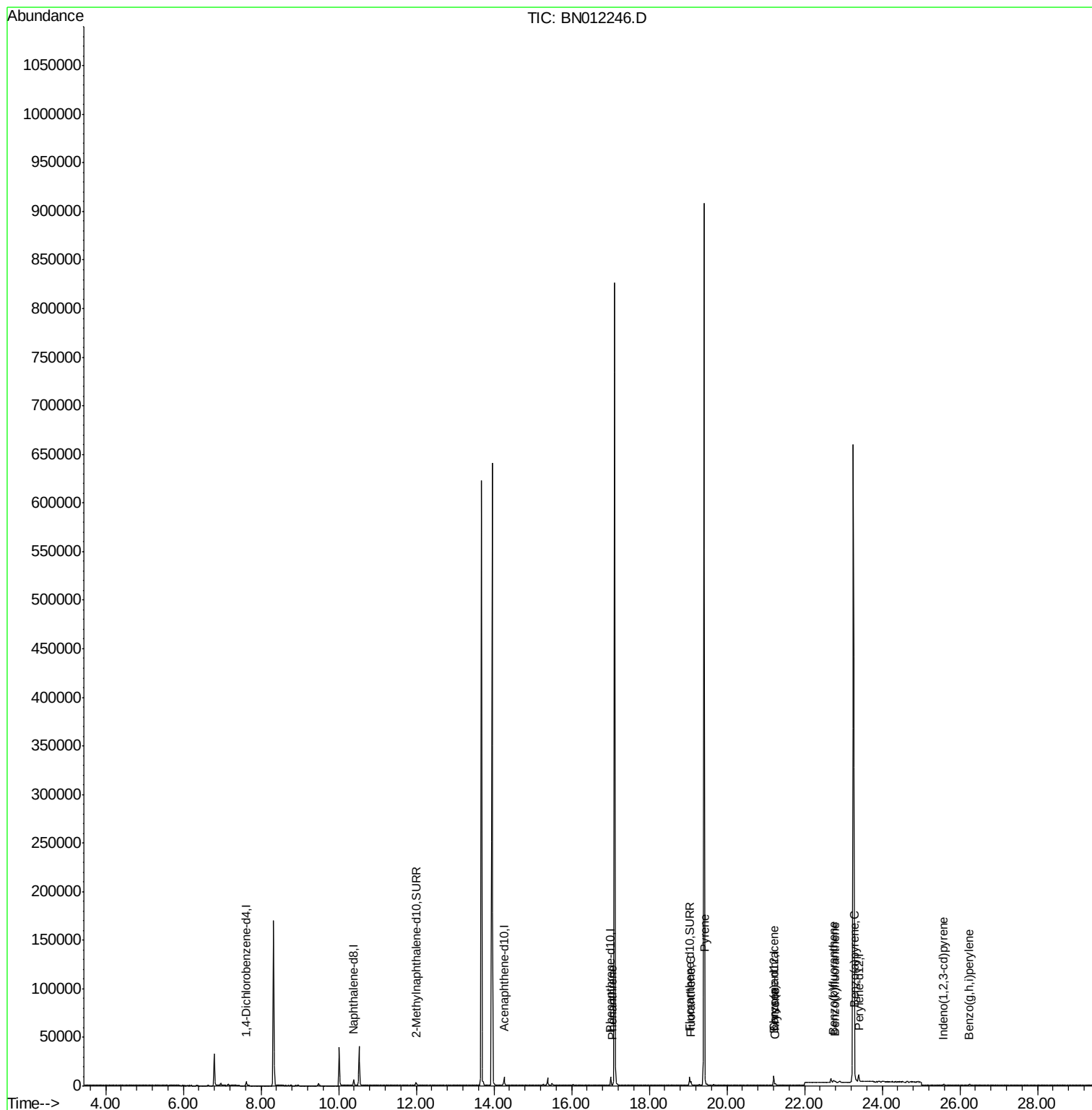
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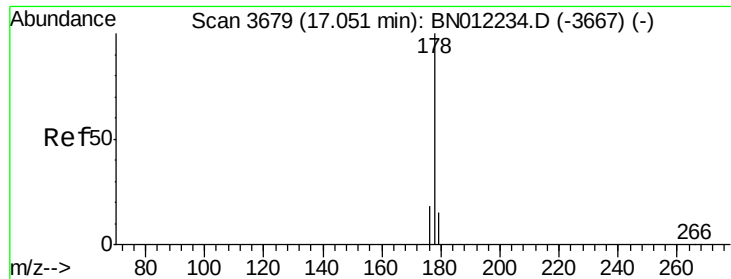
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#12

Phenanthrene

Concen: 0.040 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012246.D

Acq: 16 Oct 2020 00:02

Instrument :

BNA_N

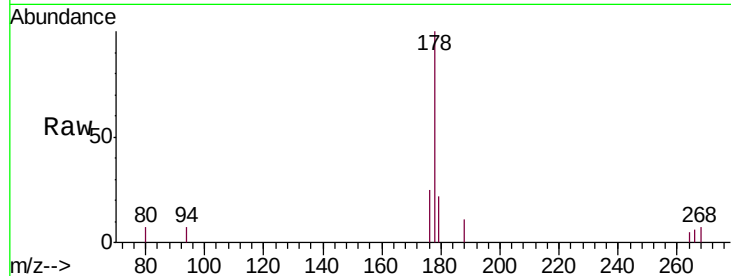
ClientSampleId :

C0AP9

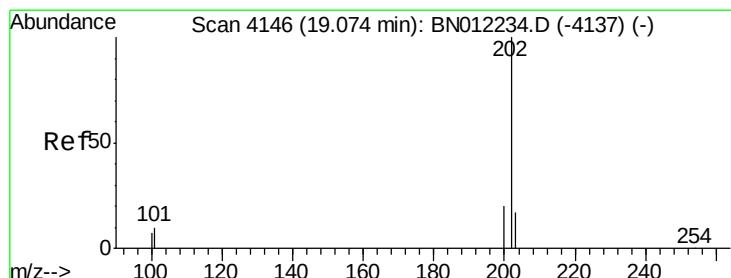
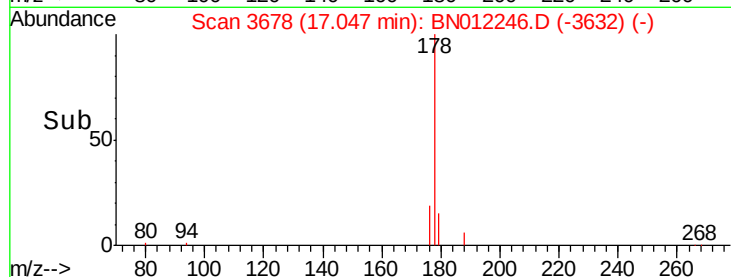
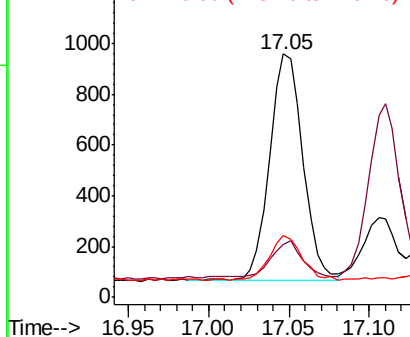
Tgt Ion:	178	Resp:	1299
Ion Ratio	Lower	Upper	
178	100		
179	21.8	13.4	20.2#
176	25.2	15.7	23.5#

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.095 ng/ul

RT: 19.07 min Scan# 4146

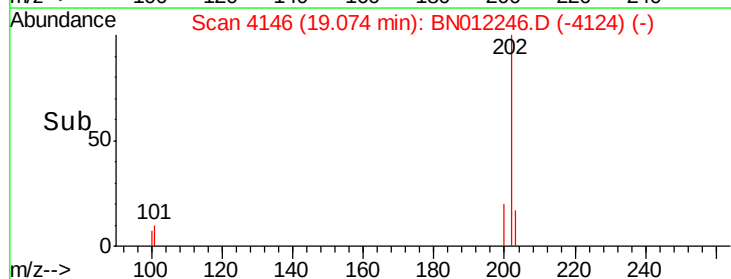
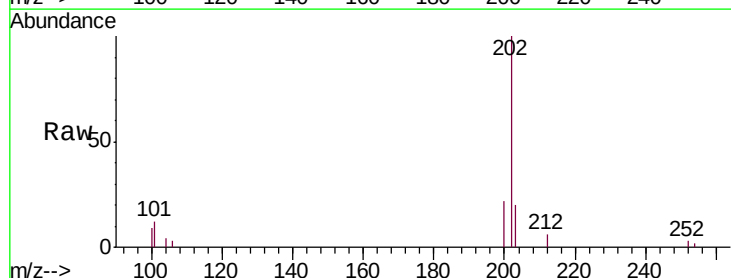
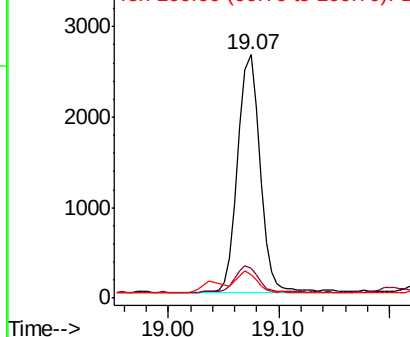
Delta R.T. 0.00 min

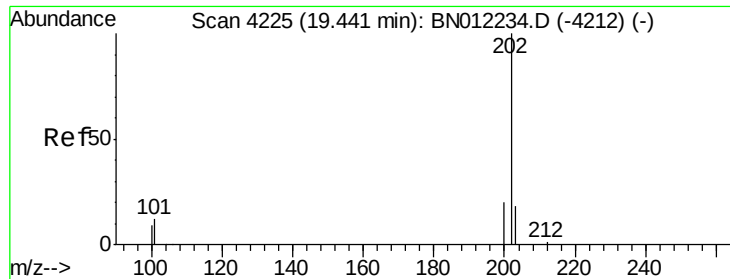
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Tgt Ion:	202	Resp:	3593
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.0
100	9.5	0.0	28.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





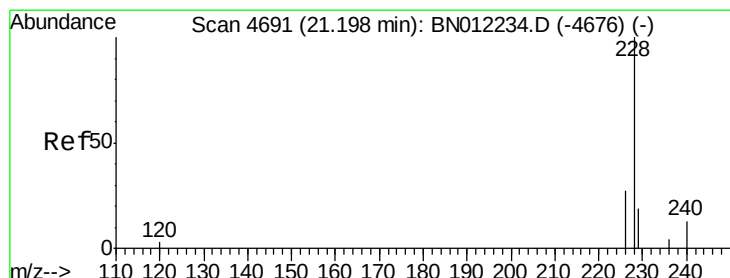
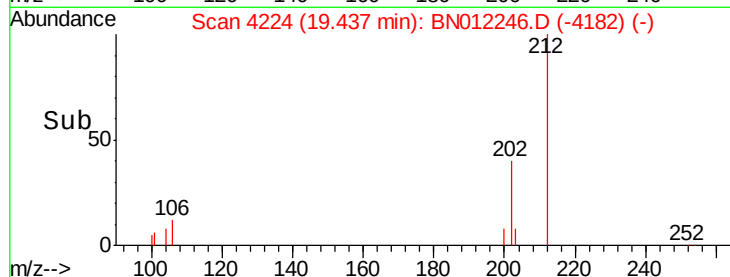
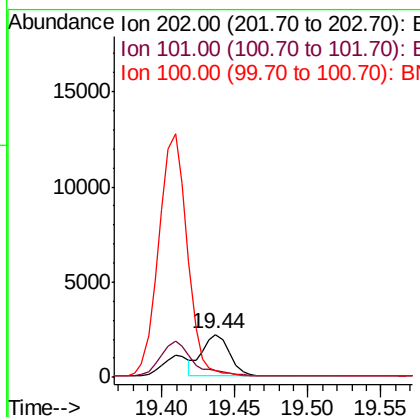
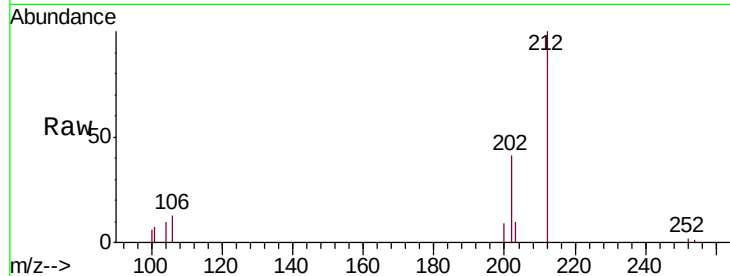
#17
 Pyrene
 Concen: 0.076 ng/ul
 RT: 19.44 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN012246.D
 Acq: 16 Oct 2020 00:02

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2869		
101	16.7		9.9	14.9#
100	15.1		8.0	12.0#

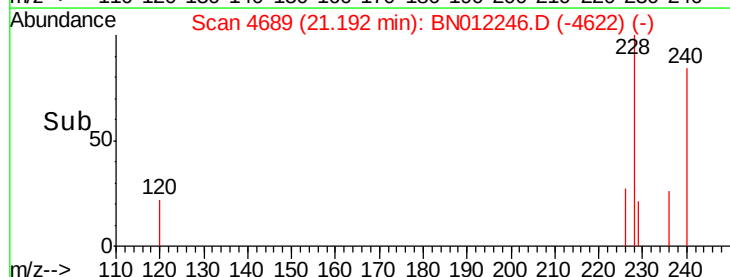
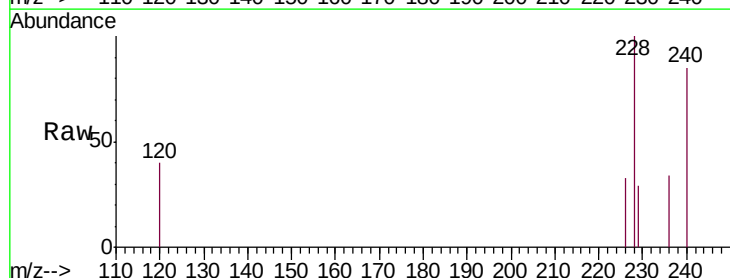
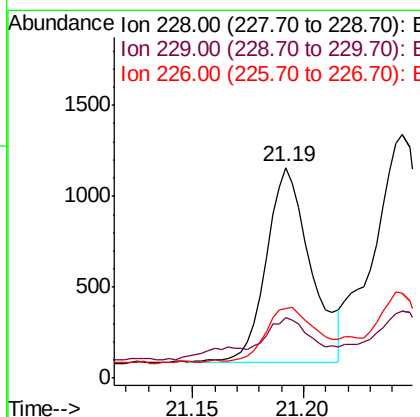
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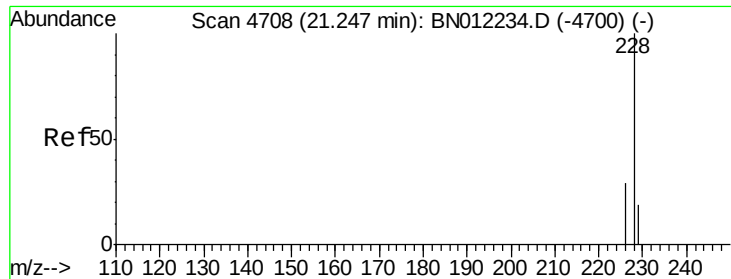
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#18
 Benzo(a)anthracene
 Concen: 0.048 ng/ul
 RT: 21.19 min Scan# 4689
 Delta R.T. -0.01 min
 Lab File: BN012246.D
 Acq: 16 Oct 2020 00:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1498		
229	28.6		15.8	23.8#
226	33.0		22.6	33.8





#19

Chrysene

Concen: 0.053 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. -0.00 min

Lab File: BN012246.D

Acq: 16 Oct 2020 00:02

Instrument :

BNA_N

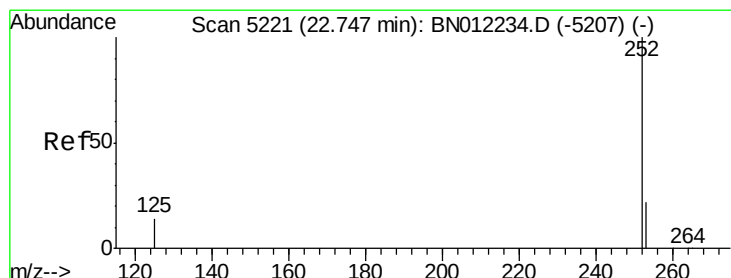
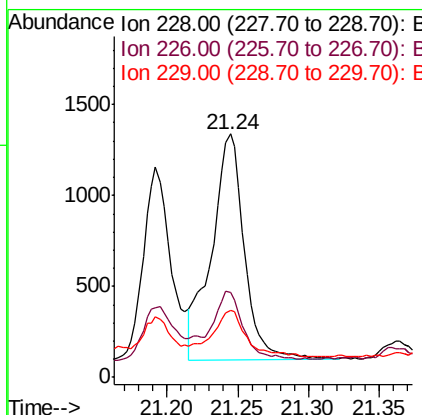
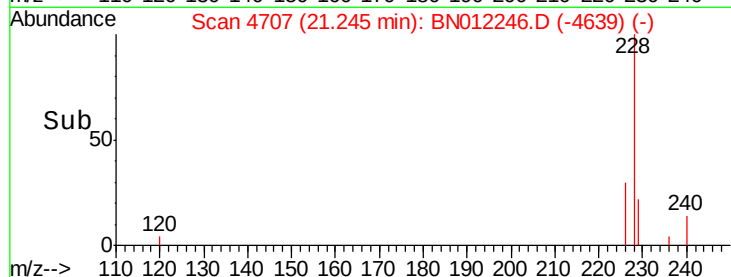
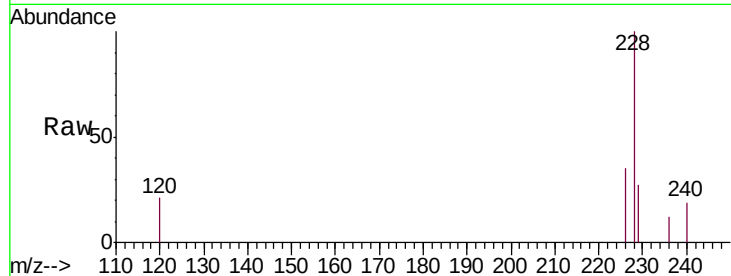
ClientSampleId :

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Tgt Ion:	228	Resp:	1995
Ion Ratio	Lower	Upper	
228	100		
226	35.0	24.6	37.0
229	27.3	17.0	25.6#

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#21

Benzo(b)fluoranthene

Concen: 0.074 ng/ul m

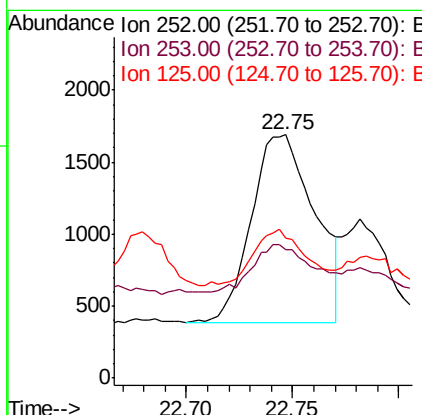
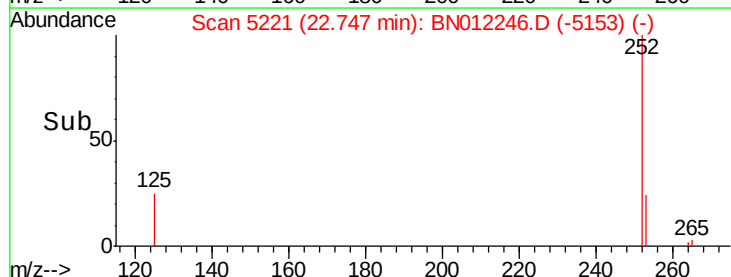
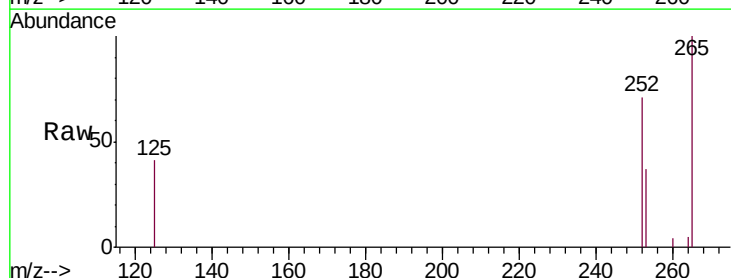
RT: 22.75 min Scan# 5221

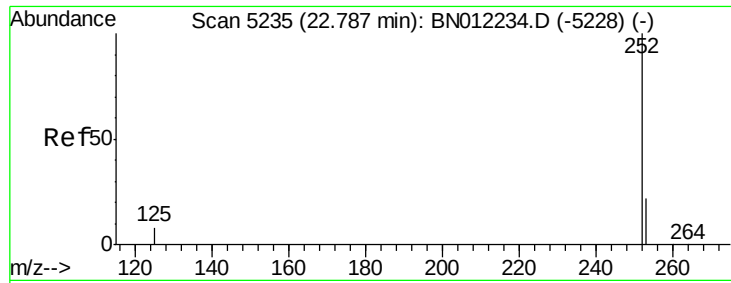
Delta R.T. 0.00 min

Lab File: BN012246.D

Acq: 16 Oct 2020 00:02

Tgt Ion:	252	Resp:	2694
Ion Ratio	Lower	Upper	
252	100		
253	52.9	0.0	61.6
125	57.6	0.0	36.8#





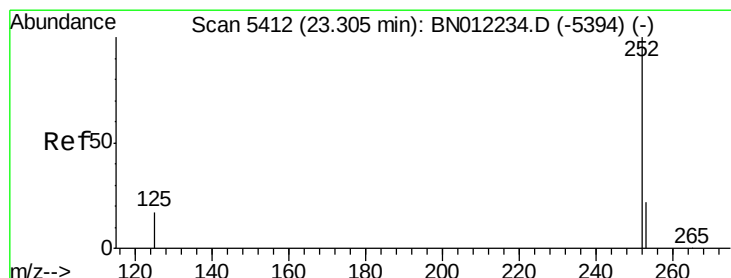
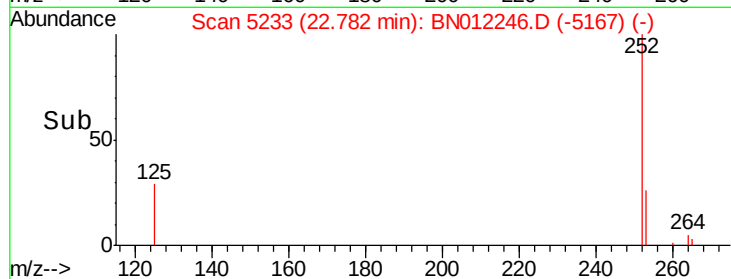
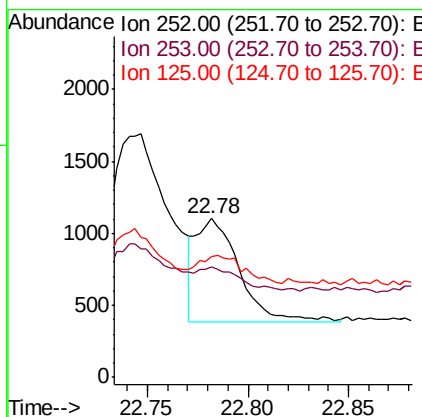
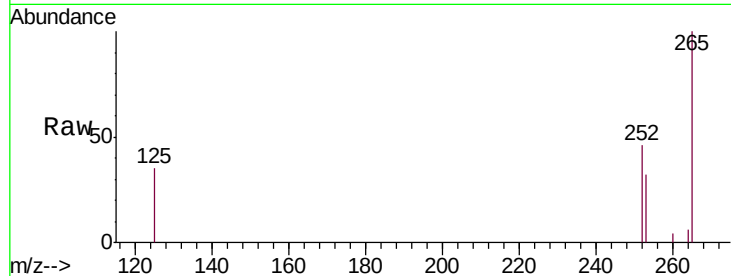
#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 22.78 min Scan# 5233
Delta R.T. -0.01 min
Lab File: BN012246.D
Acq: 16 Oct 2020 00:02

Instrument :
BNA_N
ClientSampleId :
C0AP9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	69.4	24.4	36.6#
125	76.0	12.9	19.3#

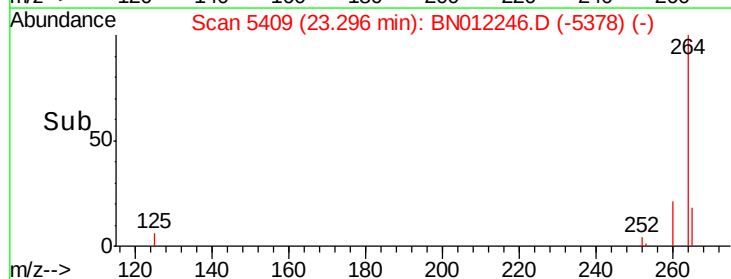
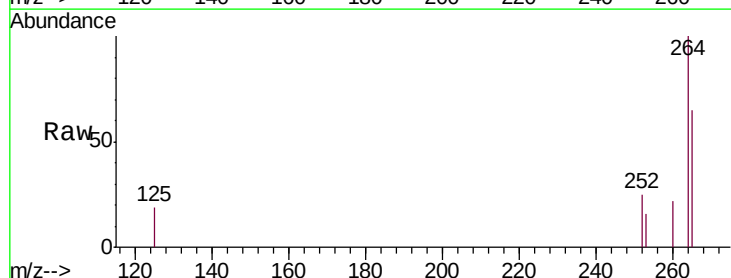
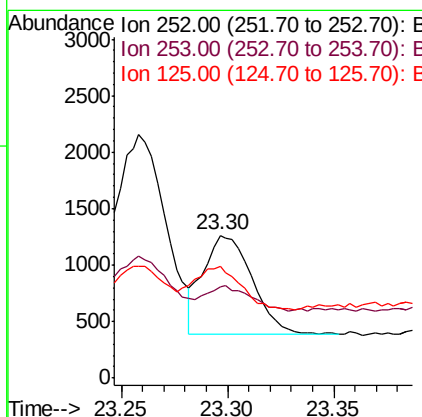
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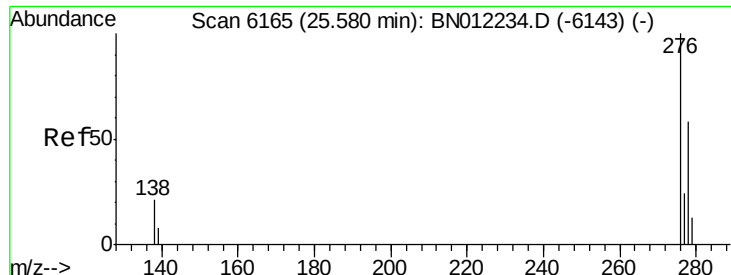
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#23
Benzo(a)pyrene
Concen: 0.040 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.01 min
Lab File: BN012246.D
Acq: 16 Oct 2020 00:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	63.6	27.0	40.4#
125	78.0	18.8	28.2#





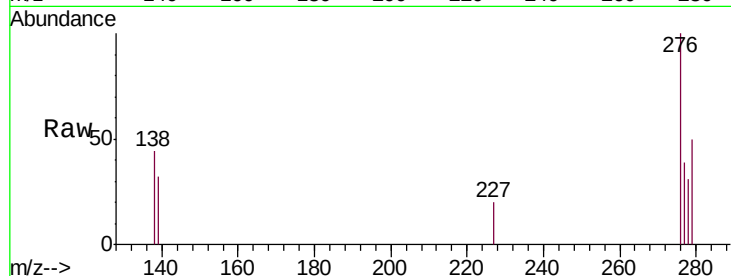
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.028 ng/ul
 RT: 25.57 min Scan# 6163
 Delta R.T. -0.01 min
 Lab File: BN012246.D
 Acq: 16 Oct 2020 00:02

Instrument :
 BNA_N
 ClientSampleId :
 C0AP9

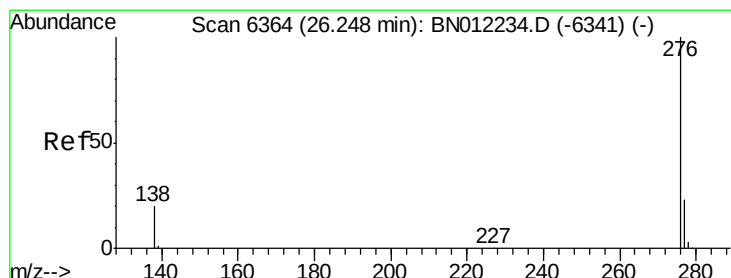
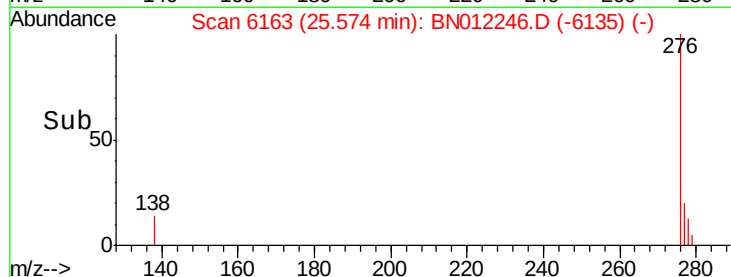
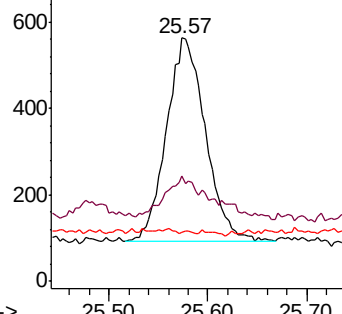
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.5	0.0	0.0#
227	0.3	0.0	0.0#

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E



#26
 Benzo(g,h,i)perylene
 Concen: 0.037 ng/ul
 RT: 26.24 min Scan# 6362
 Delta R.T. -0.01 min
 Lab File: BN012246.D
 Acq: 16 Oct 2020 00:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	42.8	17.1	25.7#
277	38.9	21.1	31.7#

Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

